

## Message

**From:** Peabody, Daniel (DEQ) [PeabodyD@michigan.gov]  
**Sent:** 8/6/2016 7:38:43 PM  
**To:** Steve M. Kimm [skimm@fveng.com]; Bucholtz, Paul (DEQ) [BUCHOLTZP@michigan.gov]; Kemmer, Eric [KemmerE@kalamazoo.org]; Bruce Merchant (bemerchant@gmail.com) [bemerchant@gmail.com]; Kovacich, Michael (Michael.Kovacich@tetrattech.com) [Michael.Kovacich@tetrattech.com]; Berkoff, Michael [berkoff.michael@epa.gov]; Eustice, Brian (DEQ) [EusticeB@michigan.gov]; Ballo, Frank (DEQ) [BALLOF@michigan.gov]; Harn, David (DEQ) [HarnD@michigan.gov]  
**Subject:** RE: Panelyte Investigation - survey and schedule

I have not seen the raw data collected but I was in the office on Wednesday when the guys got. Based on my conversation with Brian E., the GPR had good penetration and signal return so he was able identify the vertical extent of the fill material.

**Daniel Peabody**

Geologist  
 Geological Services Unit  
 Program Support Section  
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**From:** Steve M. Kimm [mailto:skimm@fveng.com]  
**Sent:** Saturday, August 06, 2016 3:12 PM  
**To:** Peabody, Daniel (DEQ); Bucholtz, Paul (DEQ); Kemmer, Eric; Bruce Merchant (bemerchant@gmail.com); Kovacich, Michael (Michael.Kovacich@tetrattech.com); Berkoff, Michael (berkoff.michael@epa.gov); Eustice, Brian (DEQ); Ballo, Frank (DEQ); Harn, David (DEQ)  
**Subject:** RE: Panelyte Investigation - survey and schedule

Excellent – I will be onsite Monday and Tuesday AM to assist with boring location selection.

How did the GPR survey turn out?

**Steven M. Kimm, CPG**

Associate

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 603 Bay Street, First Floor | Traverse City | MI | 49684  
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**From:** Peabody, Daniel (DEQ) [mailto:PeabodyD@michigan.gov]  
**Sent:** Saturday, August 6, 2016 12:33 PM  
**To:** Steve M. Kimm <[skimm@fveng.com](mailto:skimm@fveng.com)>; Bucholtz, Paul (DEQ) <[BUCHOLTZP@michigan.gov](mailto:BUCHOLTZP@michigan.gov)>; Kemmer, Eric <[KemmerE@kalamazoo.org](mailto:KemmerE@kalamazoo.org)>; Bruce Merchant ([bemerchant@gmail.com](mailto:bemerchant@gmail.com)) <[bemerchant@gmail.com](mailto:bemerchant@gmail.com)>; Kovacich, Michael ([Michael.Kovacich@tetrattech.com](mailto:Michael.Kovacich@tetrattech.com)) <[Michael.Kovacich@tetrattech.com](mailto:Michael.Kovacich@tetrattech.com)>; Berkoff, Michael

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**Subject:** RE: Panelyte Investigation - survey and schedule

Steve,

The guys are planning on being at Panelyte between 9-930 on Monday morning. Brian E and the same guys will be on-Site for the soil boring work. He plans on focusing on the dump borings first so that there will be no hold time issues with the Dioxin and Furan analysis. I am in the office today so if you need anything else just call.

Thanks,

**Daniel Peabody**

Geologist

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Program Support Section

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**From:** Steve M. Kimm [<mailto:skimm@fveng.com>]

**Sent:** Friday, August 05, 2016 3:19 PM

**To:** Peabody, Daniel (DEQ); Bucholtz, Paul (DEQ); Kemmer, Eric; Bruce Merchant ([bmerchant@gmail.com](mailto:bmerchant@gmail.com)); Kovacich, Michael ([Michael.Kovacich@tetrattech.com](mailto:Michael.Kovacich@tetrattech.com)); Berkoff, Michael ([berkoff.michael@epa.gov](mailto:berkoff.michael@epa.gov)); Eustice, Brian (DEQ); Ballo, Frank (DEQ); Harn, David (DEQ)

**Subject:** RE: Panelyte Investigation - survey and schedule

Dan and Brian

Please find attached a figure and a text file of the locations of the proposed borings prepared by F&V surveying, based on the survey layer provided by Mike Kovacich.

What is the schedule for the borings and sampling next week? I told Brian in the field earlier this week that we need to start with the Panelyte dump borings so we don't run into any holding time issues with the dioxin/furan samples.

Steve

**Steven M. Kimm, CPG**

Associate

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**From:** Peabody, Daniel (DEQ) [<mailto:PeabodyD@michigan.gov>]

**Sent:** Friday, July 29, 2016 9:53 AM

**To:** Steve M. Kimm <[skimm@fveng.com](mailto:skimm@fveng.com)>; Bucholtz, Paul (DEQ) <[BUCHOLTZP@michigan.gov](mailto:BUCHOLTZP@michigan.gov)>; Kemmer, Eric <[KemmerE@kalamazoo-city.org](mailto:KemmerE@kalamazoo-city.org)>; Bruce Merchant ([bemerchant@gmail.com](mailto:bemerchant@gmail.com)) <[bemerchant@gmail.com](mailto:bemerchant@gmail.com)>; Kovacich, Michael ([Michael.Kovacich@tetrattech.com](mailto:Michael.Kovacich@tetrattech.com)) <[Michael.Kovacich@tetrattech.com](mailto:Michael.Kovacich@tetrattech.com)>; Berkoff, Michael ([berkoff.michael@epa.gov](mailto:berkoff.michael@epa.gov)) <[berkoff.michael@epa.gov](mailto:berkoff.michael@epa.gov)>; Eustice, Brian (DEQ) <[EusticeB@michigan.gov](mailto:EusticeB@michigan.gov)>; Ballo, Frank (DEQ) <[BALLOF@michigan.gov](mailto:BALLOF@michigan.gov)>; Harn, David (DEQ) <[HarnD@michigan.gov](mailto:HarnD@michigan.gov)>

**Subject:** RE: Panelyte Investigation - Last minute questions

Steve,

Brian Eustice and his crew will be out next week starting clearing and doing the geophysics portion of the investigation. We just finished a 10 day work stint in Houghton and got back at 10pm last night. We put in almost 4 weeks of hours in two working weeks so I have a feeling some of the guys are taking the day off. That means Monday morning will require some time to load up and mobilize the equipment down to Kalamazoo. I can have Brian E call you Monday afternoon and touch base with you, if you'd like. Just let us know the best way to reach you. I am not in the office today but I will be tomorrow and Sunday so if you want to chat you can reach me at my home, 248-703-4736.

Thanks,

**Daniel Peabody**

Geologist

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**From:** Steve M. Kimm [<mailto:skimm@fveng.com>]

**Sent:** Thursday, July 28, 2016 2:31 PM

**To:** Bucholtz, Paul (DEQ); Kemmer, Eric; Bruce Merchant ([bemerchant@gmail.com](mailto:bemerchant@gmail.com)); Kovacich, Michael ([Michael.Kovacich@tetrattech.com](mailto:Michael.Kovacich@tetrattech.com)); Berkoff, Michael ([berkoff.michael@epa.gov](mailto:berkoff.michael@epa.gov)); Peabody, Daniel (DEQ); Eustice, Brian (DEQ); Ballo, Frank (DEQ); Harn, David (DEQ)

**Subject:** RE: Panelyte Investigation - Last minute questions

I have ordered the bottles and coolers from ALS for the sampling the week of 8/8. I ordered 6 bottle sets for 1,4-dioxane if needed. ALS will pick up samples from F&V on Wednesday and again on Friday – the week of August 8. We will need to collect any samples for furans and dioxins during the first part of the week – they need to be sent to Houston for analysis – we need to account for shipping time/hold time.

We have PCBs on our parameter list – but not coplanar PCBs

What is the DEQ field schedule for next week?

Thanks

Steve

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**From:** Bucholtz, Paul (DEQ) [mailto:BUCHOLTZP@michigan.gov]

**Sent:** Monday, July 18, 2016 3:35 PM

**To:** Steve M. Kimm <skimm@fveng.com>; Kemmer, Eric <KemmerE@kalamazoocity.org>; Bruce Merchant (bemerchant@gmail.com) <bemerchant@gmail.com>; Kovacich, Michael (Michael.Kovacich@tetrattech.com) <Michael.Kovacich@tetrattech.com>; Berkoff, Michael (berkoff.michael@epa.gov) <berkoff.michael@epa.gov>; Peabody, Daniel (DEQ) <PeabodyD@michigan.gov>; Eustice, Brian (DEQ) <EusticeB@michigan.gov>; Ballo, Frank (DEQ) <BALLOF@michigan.gov>; Harn, David (DEQ) <HarnD@michigan.gov>

**Subject:** Panelyte Investigation - Last minute questions

Folks, here are some of the questions we came up with on today's call. Just need to communicate how to handle with the Rose Lake crew before they get into the field.

1-4 dioxane, D/Fs, coplanar PCBs, which samples and where? (are we going to make it a field call after samples, will hold times allow for deciding after we get other results back?) Need to give Rose Lake folks direction is all

Eric to email approval of Board after Thursdays meeting.

Need containers from ALS in time to do the sampling (Steve to coordinate?)

Do we have a courier service from ALS, can we ship all at once at end of collection? Will Steve run samples?

GSI wells install – put in 6 new wells as per the WP? Or use some of the existing CH2Mhill wells like we talked about?

F & V – is their staff person coming out? Can F & V define work effort on their part

Ann G will be on-site periodically to run GW system, she will be stopping by on occasion but no more than that.

Let me know if you have any other questions. Planning to just use email between now and the end of the work

Thanks Much!

Paul

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